

FEB 08 2002

**COMBINED DECLARATION FOR PATENT AND POWER OF ATTORNEY**  
(Includes Reference to PCT International Applications)

File No. 99-24C1

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ZACE2: A HUMAN METALLOENZYME**

the specification of which (check only one item below):

☐ is attached hereto ☒ was filed as United States application Serial No. 09/978,385 on October 16, 2001

and was amended on \_\_\_\_\_

☐ was filed as PCT international application Number \_\_\_\_\_ on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56. I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate(s) or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:**

| COUNTRY | APPLICATION NUMBER | DATE OF FILING | PRIORITY CLAIMED             |                             |
|---------|--------------------|----------------|------------------------------|-----------------------------|
|         |                    |                | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
|         |                    |                | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
|         |                    |                | <input type="checkbox"/> YES | <input type="checkbox"/> NO |

I hereby claim the benefit under Title 35 United States Code 119(e) of any United States provisional application(s) listed below.

| U.S. APPLICATION NUMBER | U.S. FILING DATE |
|-------------------------|------------------|
| 60/133,952              | May 13, 1999     |
| 60/151,181              | August 27, 1999  |
|                         |                  |

I hereby claim the benefit under Title 35, United States Code 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT**

| U.S. APPLICATIONS                     |                  | STATUS (check one)                    |         |           |
|---------------------------------------|------------------|---------------------------------------|---------|-----------|
| U.S. APPLICATION NUMBER               | U.S. FILING DATE | Patented                              | Pending | Abandoned |
| 09/563,516                            | May 3, 2000      |                                       |         |           |
|                                       |                  |                                       |         |           |
|                                       |                  |                                       |         |           |
| PCT APPLICATIONS DESIGNATING THE U.S. |                  |                                       |         |           |
| APPLICATION                           | FILING DATE      | U.S. SERIAL NUMBERS ASSIGNED (if any) |         |           |
|                                       |                  |                                       |         |           |
|                                       |                  |                                       |         |           |

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Robyn Adams  
Reg. No. 44,495

Jennifer K. Johnson  
Reg. No. 43,696

Phillip B.C. Jones  
Reg. No. 38,195

Suzanne M. Shema  
Reg. No. 32,284

Susan E. Lingenfelter  
Reg. No. 41,156

Paul G. Lunn  
Reg. No. 32,743

Gary E. Parker  
Reg. No. 31,648

Deborah A. Sawislak  
Reg. No. 37,438

**Send Correspondence To:**

Phillip B.C. Jones, J.D., Ph.D.  
ZymoGenetics, Inc.  
1201 Eastlake Avenue East  
Seattle, WA 98102

**Direct Telephone Calls To:**

Phillip B.C. Jones, J.D., Ph.D.  
(206) 442-6681

|   |                     |                     |                          |                          |
|---|---------------------|---------------------|--------------------------|--------------------------|
| 1 | Full Name           | Family Name         | First Given Name         | Second Given Name        |
|   | Residence           | City                | State or Foreign Country | Country of Citizenship   |
|   | Post Office Address | Post Office Address | City                     | State & Zip Code/Country |
| 2 | Full Name           | Family Name         | First Given Name         | Second Given Name        |
|   | Residence           | City                | State or Foreign Country | Country of Citizenship   |
|   | Post Office Address | Post Office Address | City                     | State & Zip Code/Country |
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|   | Residence           | City                | State or Foreign Country | Country of Citizenship   |
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I hereby declare that all statement made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application any patent issuing thereon.

|                         |                         |                         |
|-------------------------|-------------------------|-------------------------|
| Signature of Inventor 1 | Signature of Inventor 2 | Signature of Inventor 3 |
| Date                    | Date                    | Date                    |
| Signature of Inventor 4 | Signature of Inventor 5 | Signature of Inventor 6 |
| Date                    | Date                    | Date                    |

COPIE  
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# **COMBINED DECLARATION FOR PATENT AND POWER OF ATTORNEY**

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|         |                    |                | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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| 60/151,181              | August 27, 1999  |
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| PCT APPLICATIONS DESIGNATING THE U.S. |                  |                                       |         |           |
| APPLICATION                           | FILING DATE      | U.S. SERIAL NUMBERS ASSIGNED (if any) |         |           |
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(206) 442-6681

|   |                     |  |  |  |
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| 1 | Full Name           | Family Name  | First Given Name   | Second Given Name  |
|   | Residence           | Piddington   | Christopher  | S.   |
|   | Post Office Address | City<br>Thousand Oaks                                      | State or Foreign Country<br>CA                                 | Country of Citizenship<br>US   |
| 2 | Full Name           | Post Office Address<br>2838 Irongate Place                 | City<br>Thousand Oaks  | State & Zip Code/Country<br>CA 91362/US  |
|   | Residence           | Family Name<br>Petrie                                      | First Given Name<br>Charles                                    | Second Given Name  |
|   | Post Office Address | City<br><del>Woodinville</del> <i>BOZEMAN</i> <i>cap</i>   | State or Foreign Country<br><del>WA</del> <i>MT</i> <i>cap</i> | Country of Citizenship<br>US   |
| 3 | Full Name           | Post Office Address<br>48459 NE 196th Place <i>cap</i> #24 | City<br><del>Woodinville</del> <i>BOZEMAN</i> <i>cap</i>       | State & Zip Code/Country<br><del>WA 98072/USA</del> <i>MT 59715/USA</i> <i>cap</i> |
|   | Residence           | Family Name<br>Shoemaker                                   | First Given Name<br>Kimberly                                   | Second Given Name<br>E.  |
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|   | Residence           | Family Name<br>Bishop                                      | First Given Name<br>Paul                                       | Second Given Name<br>D.  |
|   | Post Office Address | City<br>Fall City  | State or Foreign Country<br>WA                                 | Country of Citizenship<br>US   |
| 5 | Full Name           | Post Office Address<br>28425 SE 8th St                     | City<br>Fall City  | State & Zip Code/Country<br>WA 98024/US  |
|   | Residence           | Family Name  | First Given Name   | Second Given Name  |
|   | Post Office Address | City   | State or Foreign Country                                       | Country of Citizenship   |
| 6 | Full Name           | Post Office Address  | City   | State & Zip Code/Country   |
|   | Residence           | Family Name  | First Given Name   | Second Given Name  |
|   | Post Office Address | City   | State or Foreign Country                                       | Country of Citizenship   |
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|                         |                         |                         |
|-------------------------|-------------------------|-------------------------|
| Signature of Inventor 1 | Signature of Inventor 2 | Signature of Inventor 3 |
| Date                    | Date<br><i>12-20-01</i> | Date                    |
| Signature of Inventor 4 | Signature of Inventor 5 | Signature of Inventor 6 |
| Date                    | Date                    | Date                    |